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Applicant : Michael Dennis Hardwick Date: 4/11/08
For : REMOTE CONTROL SYSTEM FOR CONTROLLING APPARATUS
IN RESPONSE TO A VARIABLE
Response to Office Action of November 13, 2007

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1(currently amended). A control system for controlling ~~apparatus~~ a plurality of appliances remotely in response to a variable which is independent of the system and has a changing value, which system comprises a sensor to sense the value of the variable, a radio transmitter ~~associated with~~ operatively connected to the sensor ~~and operative~~ to transmit a control signal representative of the sensed value of the variable, ~~a radio receiver associated with the controlled apparatus and operative to receive the control signal,~~ and ~~a controller operative by receipt of the control signal to control the apparatus~~ a plurality of radio receivers respectively associated with the appliances and a plurality of controllers each operatively connected between a receiver and its associated appliance, wherein each receiver is operative to receive said control signal and its respective controller thereupon controls the appliance connected thereto according to the value of the variable.

2(original). A control system as claimed in claim 1 wherein the controller is operative to change a parameter of the controlled apparatus as the value of the variable changes.

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3(original). A control system as claimed in claim 2 wherein the controller is operative to change said parameter proportionately as the value of the variable changes.

4(currently amended). A control system as claimed in claim [2] 3 wherein said parameter is changed in direct relation to the value of the variable.

5(currently amended). A control system as claimed in claim [2] 5 wherein said parameter is changed in inverse relation to the value of the variable.

6(currently amended). A control system as claimed in claim [5] 1 wherein ~~the controlled apparatus comprises~~ said appliances comprise at least one lamp of which said parameter is the light output thereof.

7(previously presented). A control system as claimed in claim 6 wherein the variable is ambient light and the sensor comprises a photometer, the system being arranged to increase the light output from the lamp as incident light on the photometer decreases.

8(previously presented). A control system as claimed in claim 6 wherein the sensor senses the presence of a person and the system

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is arranged to operate in at least one of switching the lamp on and increasing the light output from the lamp when the presence of a person is detected.

9(currently amended). A control system as claimed in claim [7]8 including a timer operative in at least one of switching the lamp off and reducing the light output from the lamp, a predetermined period after the time when the presence of a person is last sensed.

10(previously presented). A control system as claimed in claim 6 wherein the controller comprises an adjustable ballast.

11(currently amended). A control system as claimed in claim [5] 1 wherein the variable is ambient temperature.

12(currently amended). A control system as claimed in claim 11 wherein ~~the apparatus comprises~~ said appliances comprise at least one heater of which said parameter is heat output from the heater.

13(previously presented). A control system as claimed in claim 12 wherein the sensor comprises a thermometer and the system is arranged to increase the heat output from the heater as ambient temperature at the thermometer decreases.

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14(previously presented). A control system as claimed in claim 2 wherein said parameter is changed in a plurality of steps.

15(currently amended). A control system as claimed in claim 1 including a plurality of said sensors and associated transmitters located at various locations.

16(canceled).

17(previously presented). A control system as claimed in claim 15 wherein at least one controller is operative in response to control signals from more than one sensor.

18(currently amended). A control system as claimed in claim 17 wherein at least one controller is arranged to operate in one of switching ~~the controlled apparatus~~ its associated appliance on and increasing the output of the controlled apparatus, in response to a control signal from one said sensor and is arranged to operate in one of switching ~~the controlled apparatus~~ its associated appliance off and decreasing the output of the controlled apparatus, in response to a control signal from another said sensor.

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19(previously presented). A control system as claimed in claim 1 wherein at least one control signal is a radio signal in the 868 MHz band.

20(canceled).